(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
12 May 2005 (12.05.2005)

PCT

(10) International Publication Number
WO 2005/041899 A2

(51) International Patent Classification[7]: A61K

(21) International Application Number:
PCT/US2004/036563

(22) International Filing Date:
3 November 2004 (03.11.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/516,887 3 November 2003 (03.11.2003) US

(71) Applicant *(for all designated States except US)*: UNIVERSITY OF VIRGINIA PATENT FOUNDATION [US/US]; 1224 West Main Street, Suite 1-110, Charlottesville, VA 22903 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: LYNCH, Kevin, R. [US/US]; 1632 Meadowbrook Heights Road, Charlottesville, VA 22901 (US). MACDONALD, Timothy, L. [US/US]; 2 Ivy Depot Lane, Ivy, VA 22945 (US).

(74) Agent: SPARKS, Rodney, L.; University of Virginia Patent Foundation, 1224 West Main Street, Suite 1-110, Charlottesville, VA 22903 (US).

(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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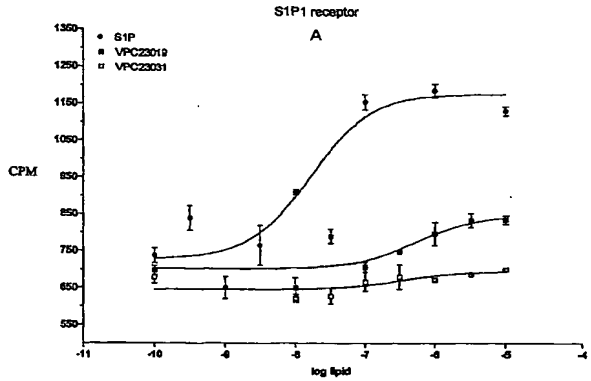
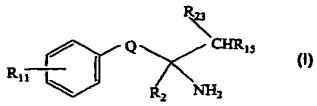
(54) Title: ORALLY AVAILABLE SPHINGOSINE 1-PHOSPHATE RECEPTOR AGONISTS AND ANTAGONISTS





(I)

(57) Abstract: The present invention relates to S1P analogs that have activity as S1Preceptor modulating agents and the use of such compounds to treat diseases associated with inappropriate S1P receptor activity. The compounds have the general structure (I) wherein R_{11} is C_5-C_{18} alkyl or C_5-C_{18} alkenyl; Q is selected from the group consisting of C_3-C_6 optionally substituted cycloalkyl, C_3-C_6 optionally substituted heterocyclic, C_3-C_6 optionally substituted aryl C_3-C_6 optionally substituted heteroaryl and; R_2 is selected from the group consisting of H, C_1-C_4 alkyl, (C_1-C_4 alkyl)OH and (C_1-C_4 alkyl)NH_2; R_{23} is H or C_1-C_4 alkyl, and R_{15} is a phosphonate ester or a phosphate ester or a pharmaceutically acceptable salt or tautomer thereof.

WO 2005/041899 A2

Published:

— *without international search report and to be republished upon receipt of that report*

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